







# Course Equivalency Management System Training for CTAG Institutional Coordinators

Webinar













#### **Articulation and Transfer Research**





#### **Ohio's Credit Transfer**

**2011 Student Transfers** 

42,998

Undergraduates transferred within the University System of Ohio

**Student Transfers Increased** 

**1**43.4%

From FY2002 to FY2011

source: <a href="http://www.ohiohighered.org/transfer/research">http://www.ohiohighered.org/transfer/research</a> (Facts at a Glance - PPT)

#### **Ohio's Credit Transfer**

**2011 Student Transfers** 

42,998

Undergraduates transferred within the University System of Ohio

**2011 Additional Students** 

12,560

Undergraduates transferring credit from a less-expensive school back to their primary four-year institution

**Students Saved** 

\$36.9 Million

By completing courses at less expensive institutions first and transferring to 4-year institutions

**Students Saved** 

\$ 9.2 Million

By transferring credit from a lessexpensive school back to their primary four-year institution Total Savings

\$ 46.1 Million

source: <a href="http://www.ohiohighered.org/transfer/research">http://www.ohiohighered.org/transfer/research</a>

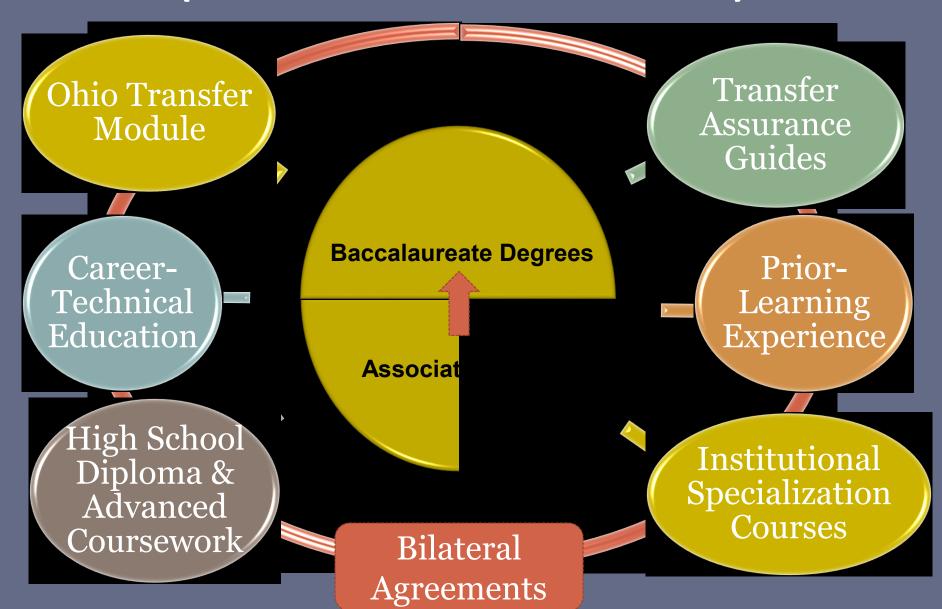
(Facts at a Glance - PPT)

#### **Ohio's Credit Transfer**



source: <a href="http://www.ohiohighered.org/transfer/research">http://www.ohiohighered.org/transfer/research</a> (Facts at a Glance - PPT)

# Mobility Magnet (Attract – Retain – Graduate)



# Understanding Course Equivalency

**An Overview** 

# Five Steps to Course Equivalency

- Defining Joint faculty panels meet to define learning outcomes and credit hour ranges.
- Agreeing Educational partners reach consensual agreement on the learning outcomes via a statewide feedback process.
- 3. Matching Institutions match courses to learning outcomes and credit hour ranges.
- **4. Submitting** Institutions submit specific course materials based on learning outcomes and credit hour ranges.
- **5. Reviewing** Faculty review panels validate course materials against learning outcomes, recommended credit hour ranges, and other requirements.

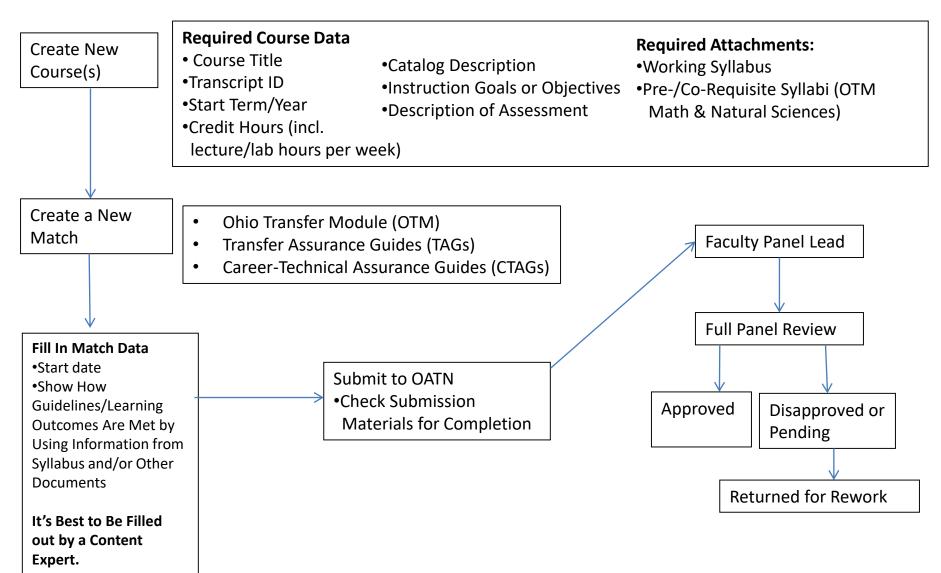


### What Qualifies a Match for Approval?

- The course must meet at all of the required learning outcomes and at least 70% of all of the learning outcomes of a course
- Credit hours should be taken into account as well because they are commonly viewed as an indicator of breadth and depth.
- The match must also meet any other requirements including co-/pre-requisite, laboratory hours, and textbooks.



# Process for Standard Review Including Course Inventory Creation and Match Submission



# Course Equivalency Management System (CEMS)

**APEX VERSION 1.0** 





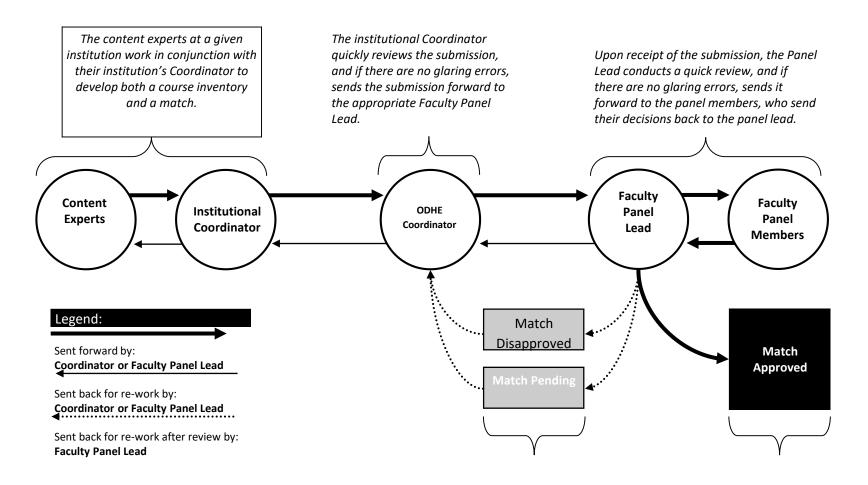
# Step-by-Step Review Process in CEMS

**Institutional Coordinator Users** 





#### **CEMS WORKFLOW**



# **Institutional Coordinator Users**

- Overview
- Guided Steps
- Discussion



## Login





## Request an Account



Request an Acco	ount	Cancel	Submit Request
User Information			
First Name: *			
Middle Name:			
Last Name: *			
Email Address: *			
Institution Informa	tion		
	Institution Affiliation: *		
	- Select an Institution -		
	Select all of the roles that apply to your account: *		
	TAG Coordinator		
	CTAG Coordinator		
	OTM Coordinator		
	Institution User		
Job Title: *			
Department: *			
Address: *			
City: *			
State: *	ОН		
Zip Code: *			
Telephone: *	ext:		



# **Password Recovery**





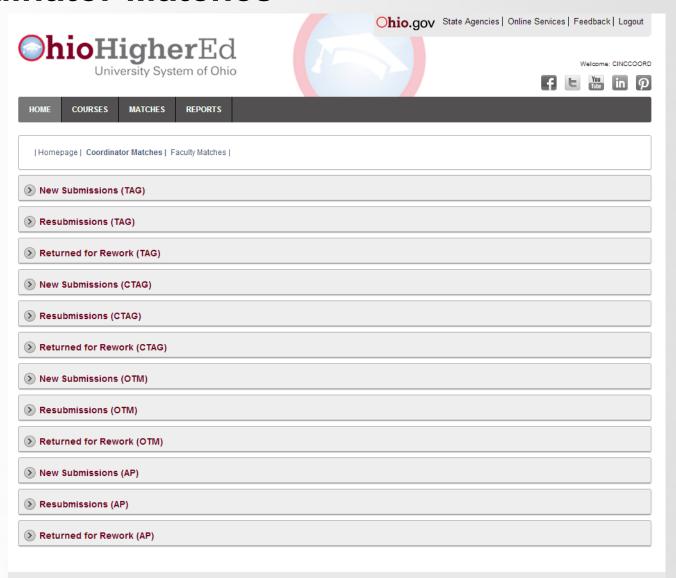
# Institutional Coordinator User Main Page





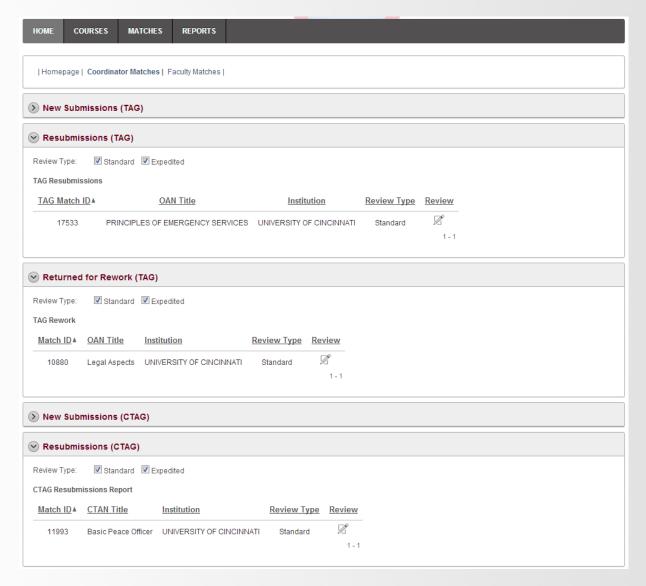


#### **Coordinator Matches**





#### **Coordinator Matches Breakdown**







## **Faculty Matches**

HOME COURSES MATCHES REPORTS | Homepage | Coordinator Matches | Faculty Matches | Returned for Rework (CTAG) Returned for Rework (TAG) Returned for Rework (OTM) ✓ Standard 
✓ Expedited Review Type: OTM Rework Match ID ▲ OTM Title Institution Review Type Review UNIVERSITY OF CINCINNATI 8571 Transfer Module Arts and Humanities Standard 9217 Transfer Module Natural Sciences Standard UNIVERSITY OF CINCINNATI 10624 Transfer Module Arts and Humanities UNIVERSITY OF CINCINNATI Standard 1 - 3 Returned for Rework (AP)



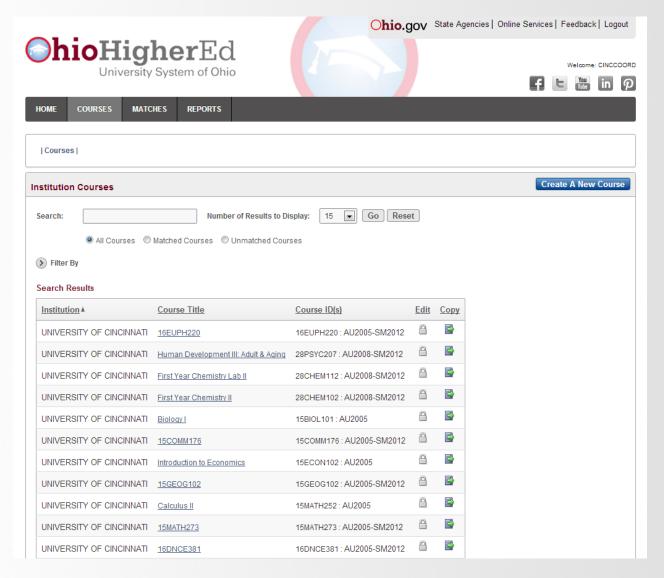


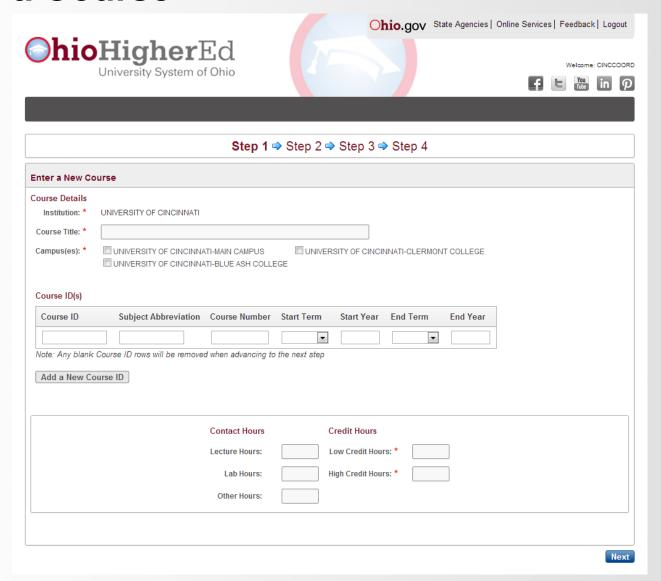
#### **Course Overview**





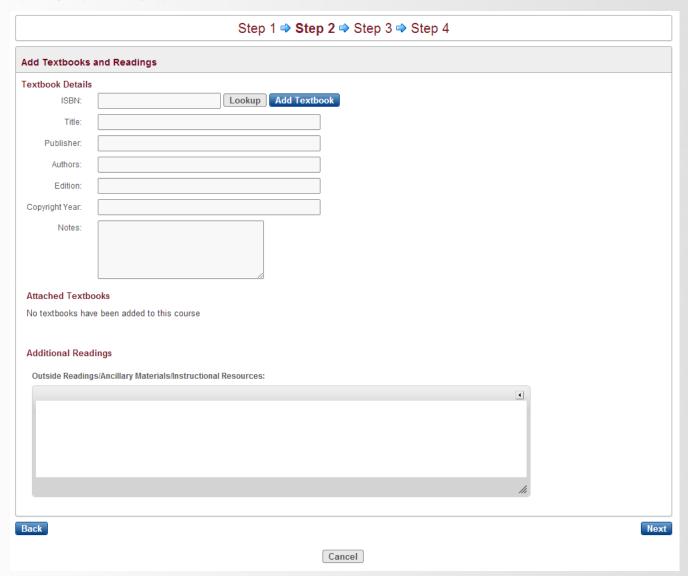
#### **Course Overview**











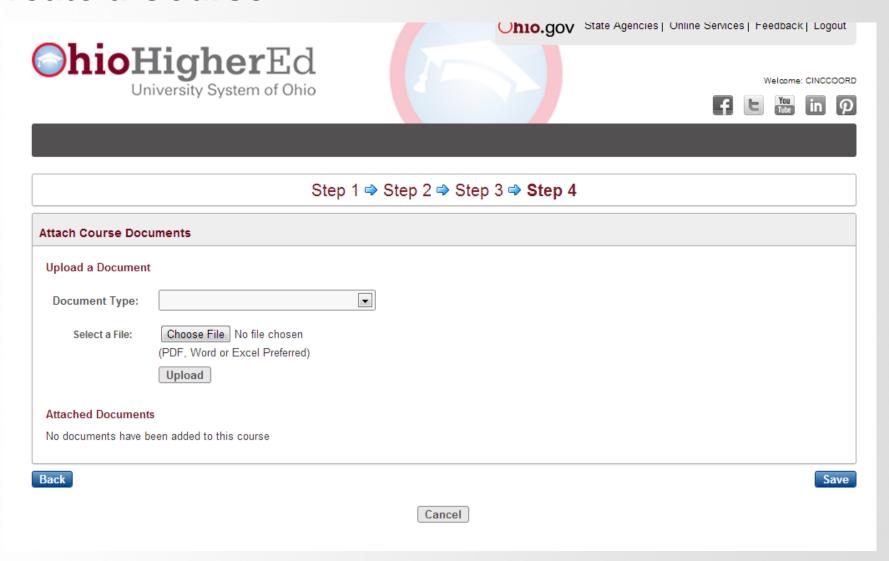




Step 1 → Step 2 → Step 3 → Step 4			
Additional Course Data			
Pre-Requisite/Co-Requisite Requirements & Catalogue Description			
Pre-Requisite and Co-Requisite Requirements:			
Catalog Description:			
Objectives & Assessment			
Instructional Goals or Objectives:			
Description of Assessment and/or Evaluation of Student Learning:			

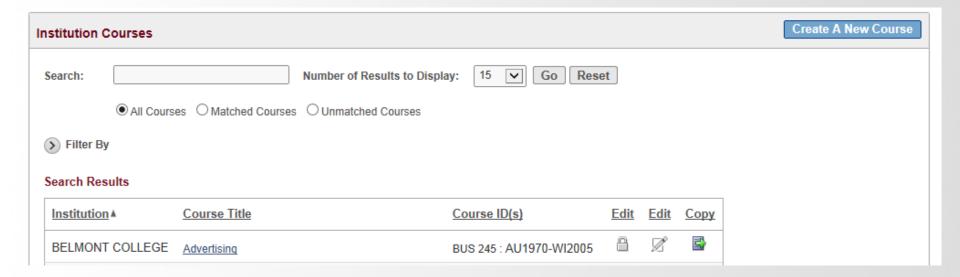


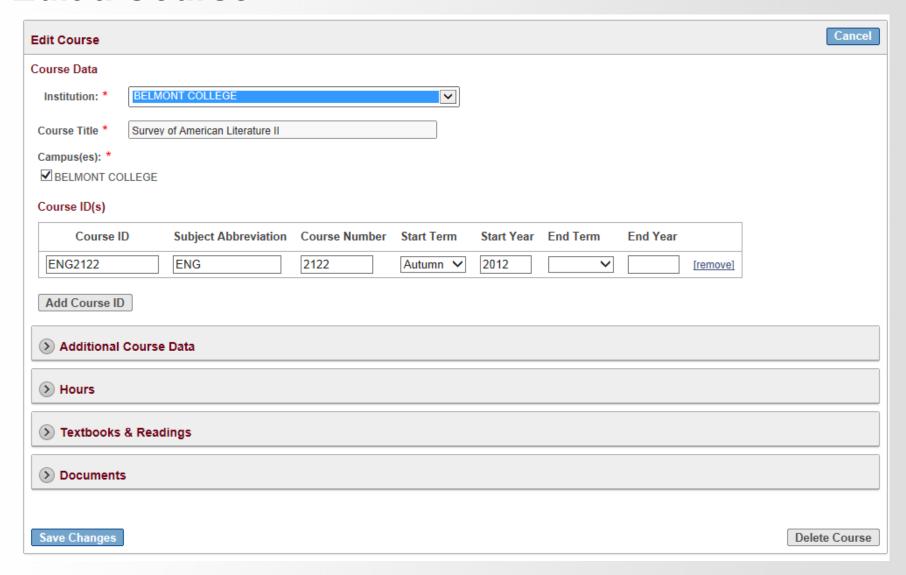






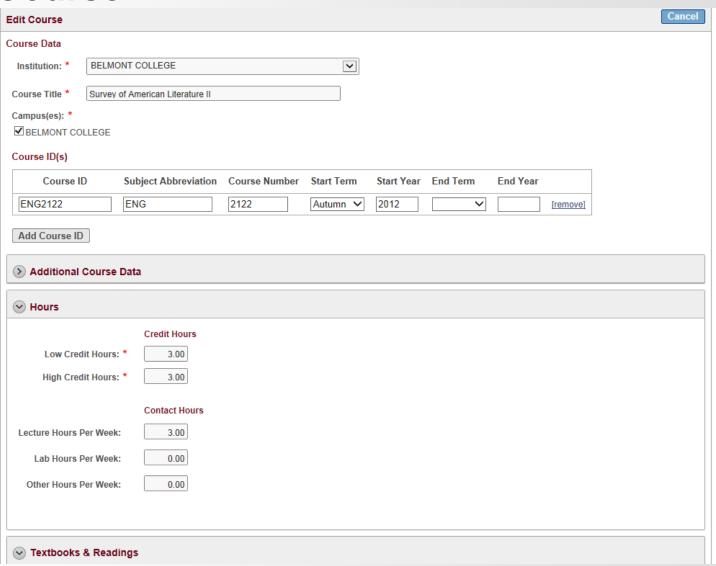




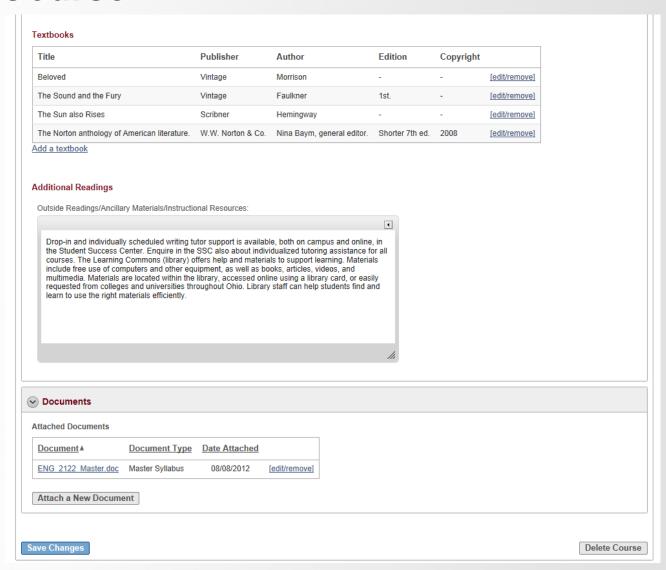








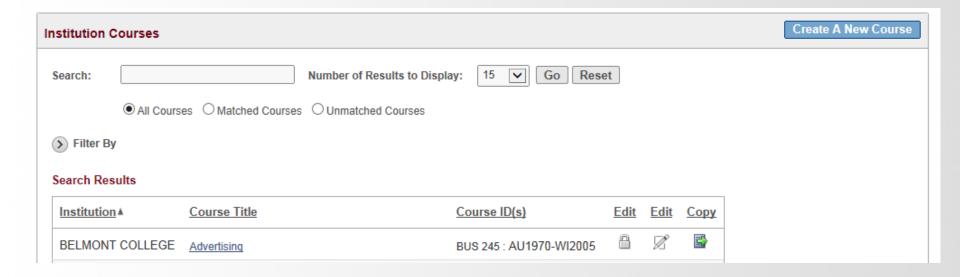








# Copy a Course



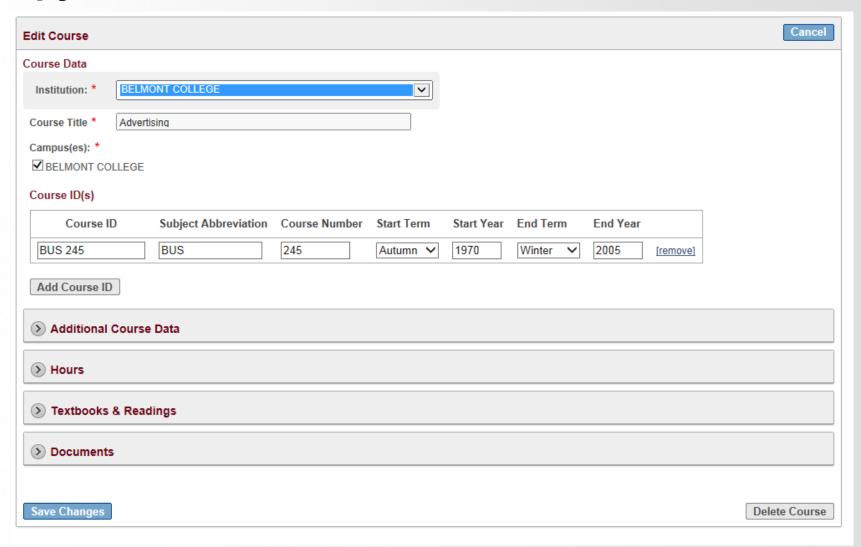
# Copy a Course







### Copy a Course



#### **Match Overview**





#### **Match Overview**

| CTAG Matches | TAG Matches | OTM Matches | AP Matches | Create a New CTAG Match Create a New CT CTAG Match **CTAG Matches** Click to view a list of CTAG Definitions • Number of Results to Display: 15 Go Reset Search: Filter By Display Columns Search Results Match ID ▲ Institution **Faculty Panel** Articulation ID Match Status Edit B 11441 PICKAWAY-ROSS JVSD JVSD AUTOMOTIVE TECHNOLOGIES CTAUT002 AP Z CTITN002 DR 11442 STARK STATE COLLEGE OF TECHNOLOGY INFORMATION TECHNOLOGY - NETWORKING DR STARK STATE COLLEGE OF TECHNOLOGY CTITN005 11443 INFORMATION TECHNOLOGY - NETWORKING 1 DR 11444 STARK STATE COLLEGE OF TECHNOLOGY INFORMATION TECHNOLOGY - NETWORKING CTITN004 Z DR 11445 STARK STATE COLLEGE OF TECHNOLOGY INFORMATION TECHNOLOGY - NETWORKING CTITN003 Z DR 11446 STARK STATE COLLEGE OF TECHNOLOGY INFORMATION TECHNOLOGY - NETWORKING CTITN003 AP 11447 LANCASTER CITY SD AUTOMOTIVE TECHNOLOGIES CTAUT003 Z AΡ 11448 MAHONING CO CAREER & TECH CTR AUTOMOTIVE TECHNOLOGIES CTAUT001 1 AΡ 11449 MAHONING CO CAREER & TECH CTR AUTOMOTIVE TECHNOLOGIES CTAUT002 AΡ 11450 MAHONING CO CAREER & TECH CTR AUTOMOTIVE TECHNOLOGIES CTAUT003 11465 TRUMBULL CAREER & TECH CTR JVS CT ELECTRICAL ENGINEERING TECHNOLOGY CTEET003 ER

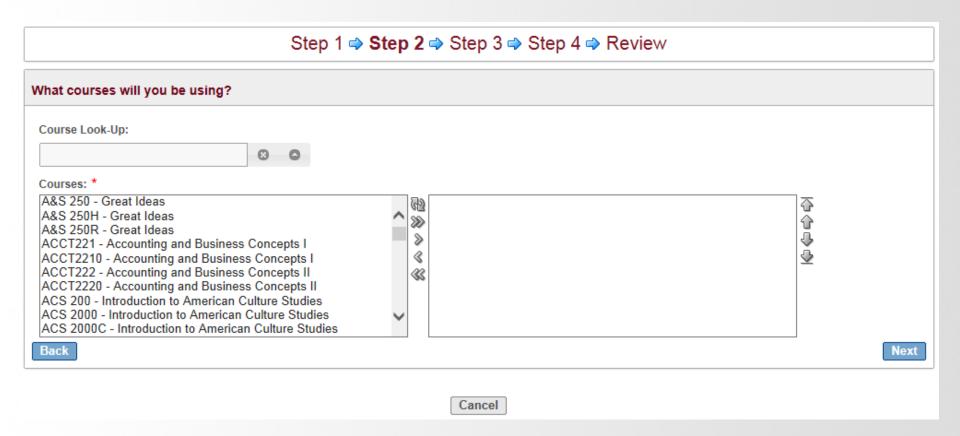




Step 1 → Step 2 → Step 3 → Step 4 → Review						
What type of Match would you like to enter?						
Institution: *	- Select an Institution -					
Select the CTAG Area:	- Select a CTAG Area -					
Select the CTAN: *	- Select a CTAN -					
Start Term: *	○ Winter ○ Spring ○ Summer ○ Autumn					
End Term:	○ Winter ○ Spring ○ Summer ○ Autumn					
	Next					
	Cancel					

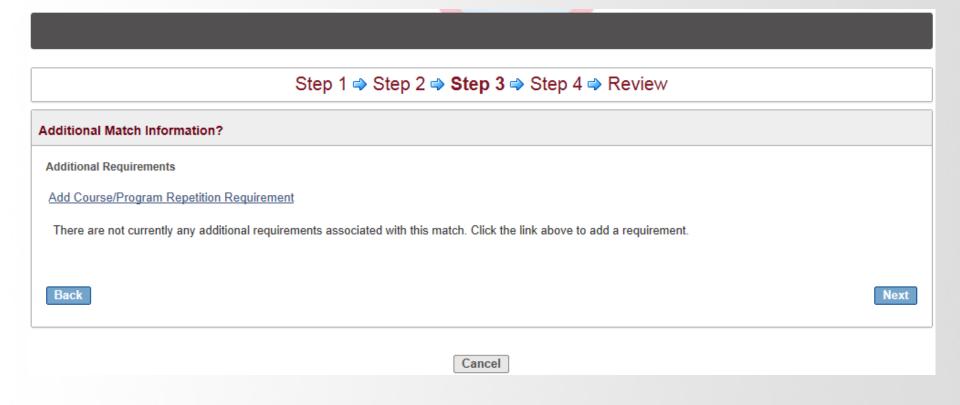








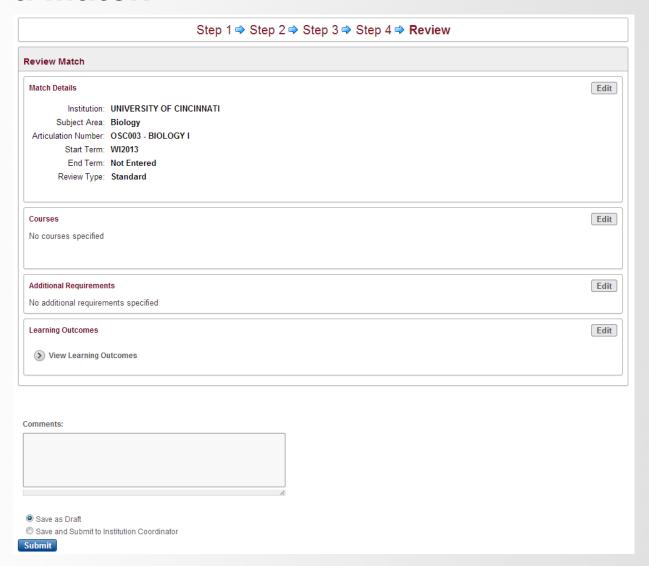






#### Step 1 → Step 2 → Step 3 → Step 4 → Review **Enter Learning Outcomes** Instructions Describe how each Learning Outcome is fulfilled for Career Technical Articulation Number: CTEET002 - Digital Electronics Notes: Enter instructional content from program or course syllabi that addresses each Learning outcome. · You may copy and paste from other documents. > View Course Details **✓** View Learning Outcomes **Learning Outcome:** Recognize number systems, operations, and codes Description: No Comments Entered Time On Topic: Not Entered add | edit







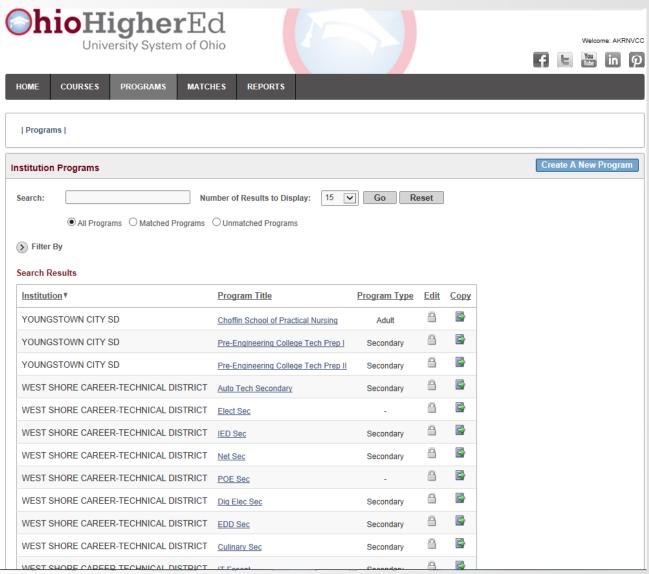


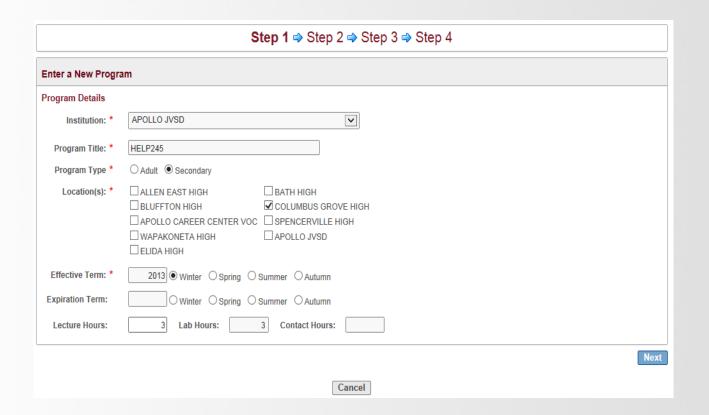
# **Programs**



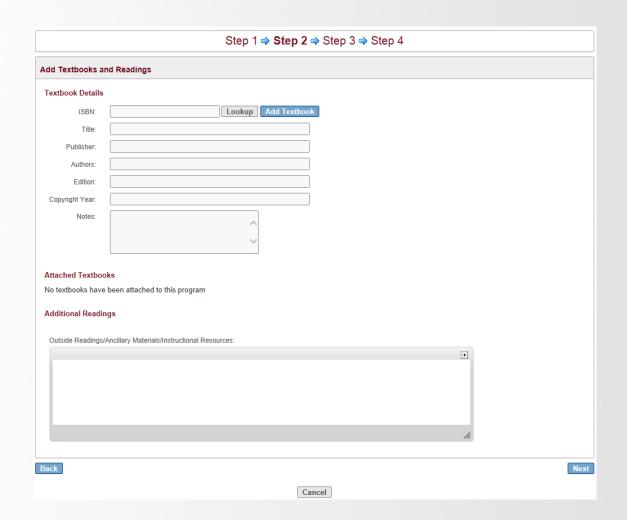


#### **Programs**

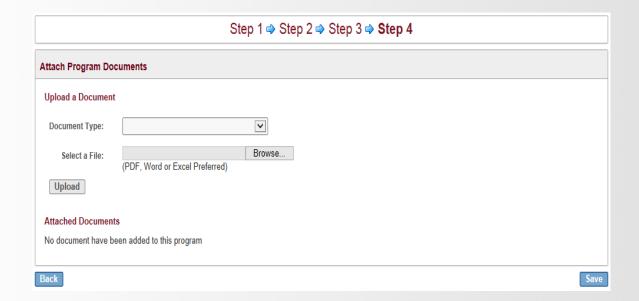








re-Requisite/C	o-Requisite Requirements & Cata	alogue Description
Pre-Requisite a	nd Co-Requisite Requirements:	
		^
Catalog Descrip	otion:	
		^
		V
	ssessment pals or Objectives:	^
		^
		^
Instructional G		udent Learning:
Instructional G	pals or Objectives:	udent Learning:
Instructional G	pals or Objectives:	udent Learning:
Instructional G	pals or Objectives:	udent Learning:
	pals or Objectives:	udent Learning:





## Search, Then Edit an Existing Match in CEMS





# **Step 1 - Search for an Existing Match**



## Search for an Existing Match - Filtering

| CTAG Matches | TAG Matches | OTM Matches | AP Matches | Create a New CT CTAG Match Create a New CTAG Match **CTAG Matches** Click to view a list of CTAG Definitions Go Search: 15 Reset Number of Results to Display: Filter By Display Columns Select the columns you would like to display: Institution ▼ Faculty Panel Articulation Number Match ID Course List Effective Date Expiration Date Match Status ▼ Edit Expire/Withdraw Сору





## Search a Match – Filtering

[CTAG Matches | TAG Matches | OTM Matches | AP Matches | Create a New CTAG Match Create a New CT CTAG Match CTAG Matches Click to view a list of CTAG Definitions Search: Number of Results to Display: Reset Filter By • Institution: - Select All -Withdrawn Matches: Match Status: Select Match Status(es): Institution Type: Select All Matches Select All Match Statuses Draft Select All Organizations Submitted to Institutional Coordinator Select Specific Match Statuses Include Only Withdrawn Matches Higher Ed Institutions Exclude Withdrawn Matches Submitted to OBR Coordinator Career Technical Districts Submitted to Panel Lead Submitted to Panel Members Intermediary Approved Intermediary Disapproved Intermediary Pending Approved Disapproved Pendina Error - Other Matches Withdrawn Error - Match Submitted in Error Faculty Panel: AUTOMOTIVE TECHNOLOGIES <u>~</u> € **⊕** BASIC POLICE OFFICER 8 CT EDUCATION 8 CT ELECTRICAL ENGINEERING TECHNOLOGY 8 CT MECHANICAL ENGINEERING TECHNOLOGY ⟨⟨⟨⟩ CT NURSING





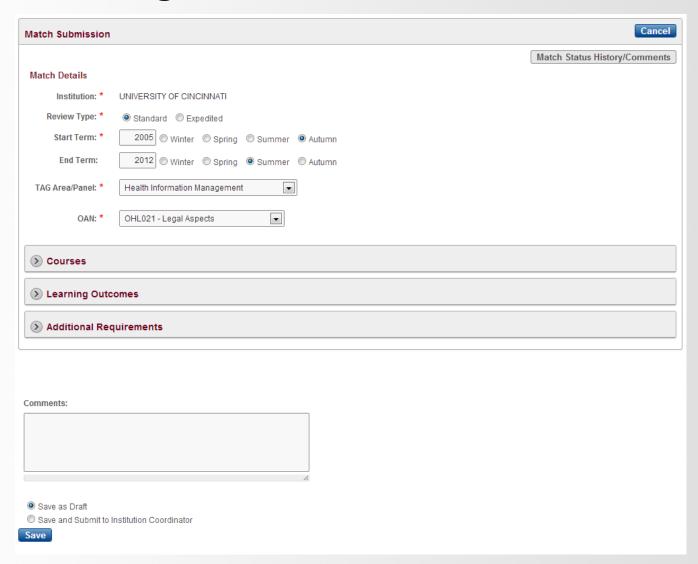
# Step 2 - Edit an Existing Match



[CTAG Matches | TAG Matches | OTM Matches | AP Matches | Create a New CTAG Match Create a New CT CTAG Match **CTAG Matches** Click to view a list of CTAG Definitions • Go Reset Search: Number of Results to Display: 15 Filter By Display Columns Search Results Match ID ▲ Institution **Faculty Panel** Articulation ID **Match Status** Edit P AΡ 11441 PICKAWAY-ROSS JVSD JVSD AUTOMOTIVE TECHNOLOGIES CTAUT002 B DR 11442 STARK STATE COLLEGE OF TECHNOLOGY INFORMATION TECHNOLOGY - NETWORKING CTITN002 DR STARK STATE COLLEGE OF TECHNOLOGY CTITN005 11443 INFORMATION TECHNOLOGY - NETWORKING STARK STATE COLLEGE OF TECHNOLOGY DR 11444 INFORMATION TECHNOLOGY - NETWORKING CTITN004



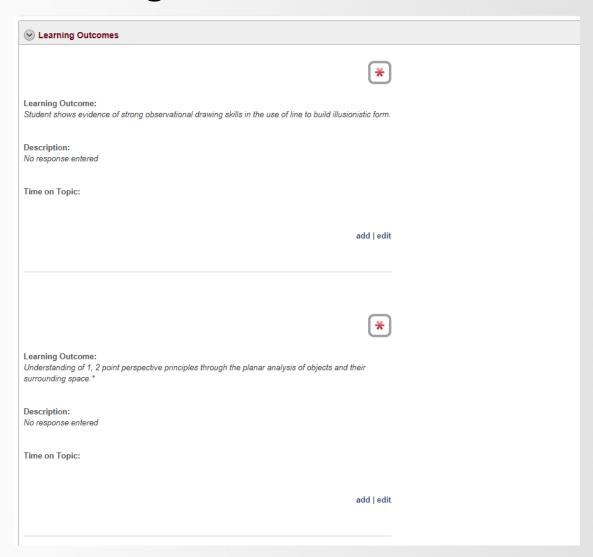






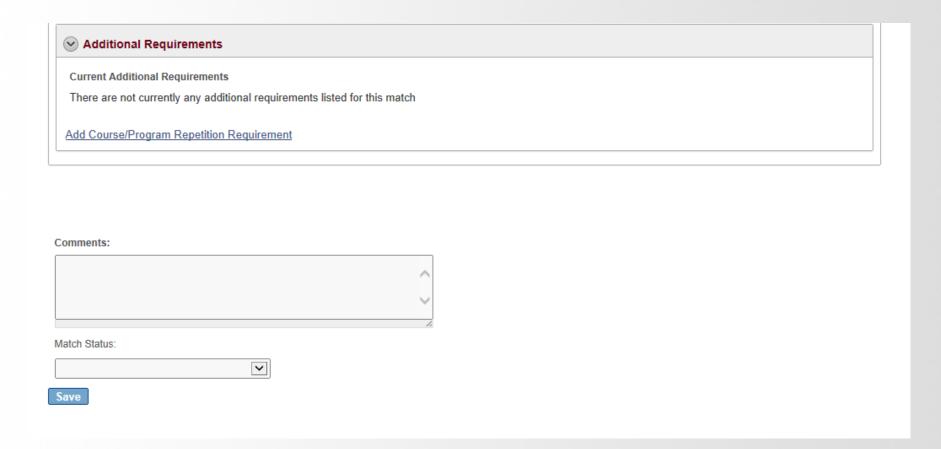








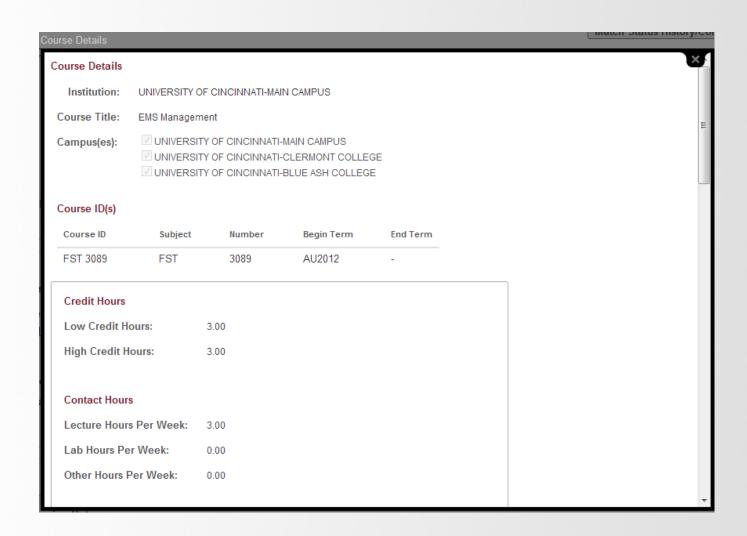






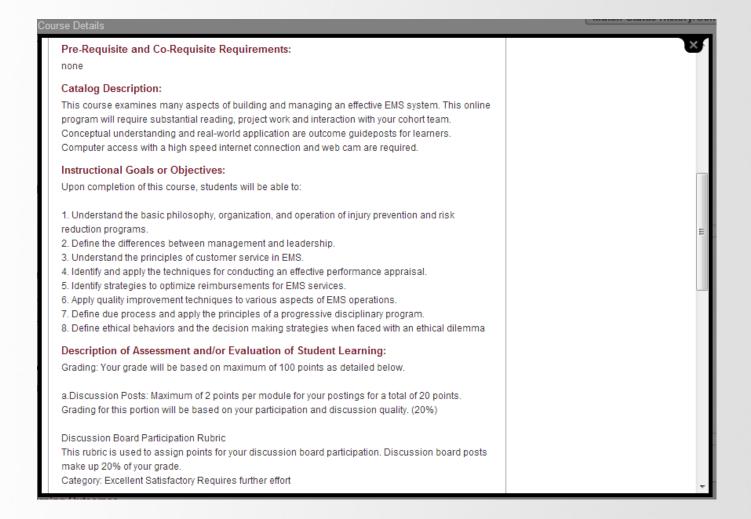


#### **Course Details**





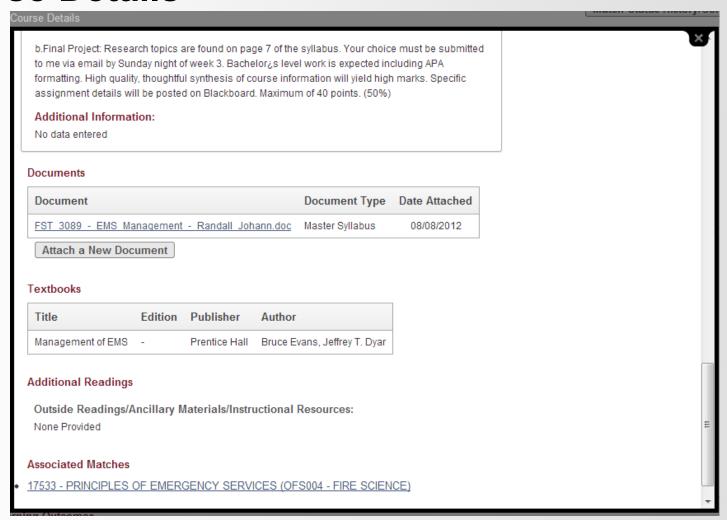
#### **Course Details**







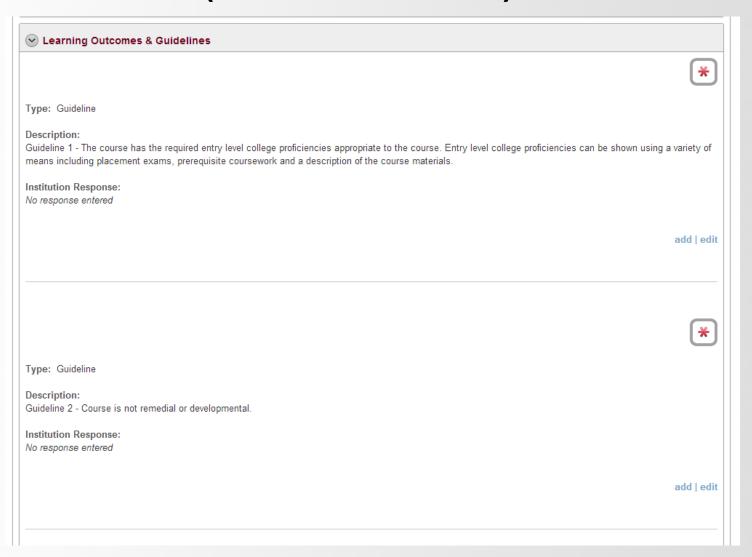
#### **Course Details**







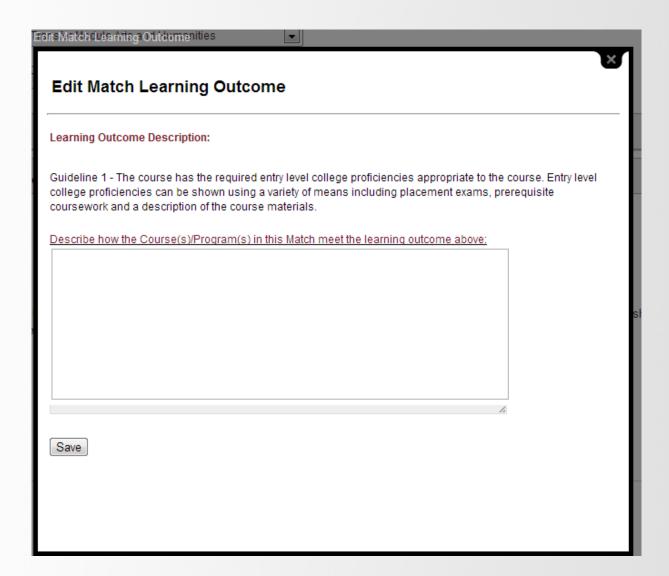
## Match Guidelines (Transfer Module)







#### **Match Guidelines - Edit**







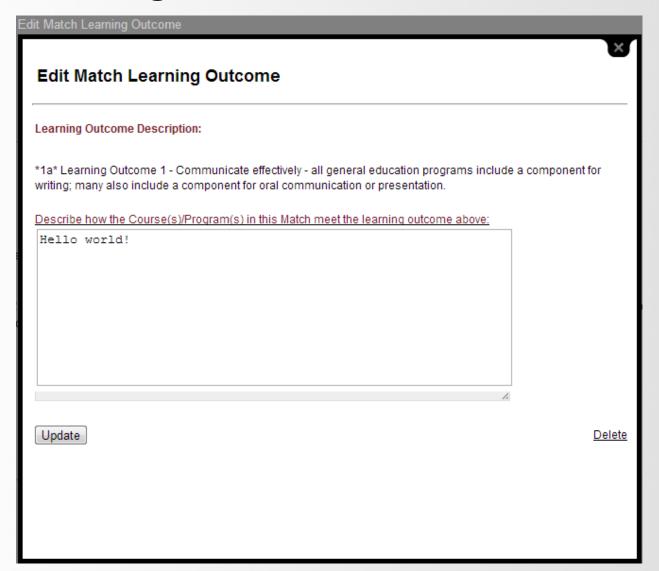
# **Match Learning Outcomes**

Type: Learning Outcome
Description: *1a* Learning Outcome 1 - Communicate effectively - all general education programs include a component for writing; many also include a component for oral communication or presentation.
Institution Response: Hello world!
add   edit
Type: Learning Outcome
Description:  *1b* Learning Outcome 2 - Evaluate arguments in a logical fashion-competence in analysis and logical argument are explicit learning goals for most general education programs, although these skills go by a variety of names (e.g., critical thinking, analysis, logical thinking, etc.)
Institution Response: No response entered
add   edit





## **Match Learning Outcomes - Edit**





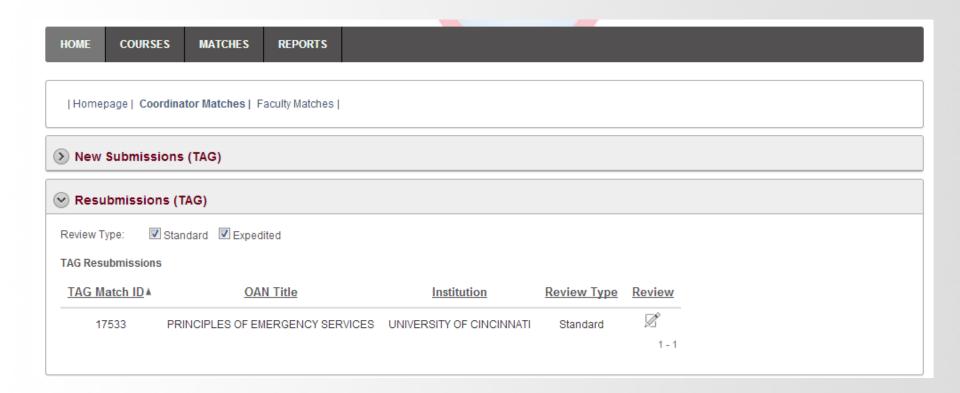


# How to Deal with Returned Work from the Review Panel



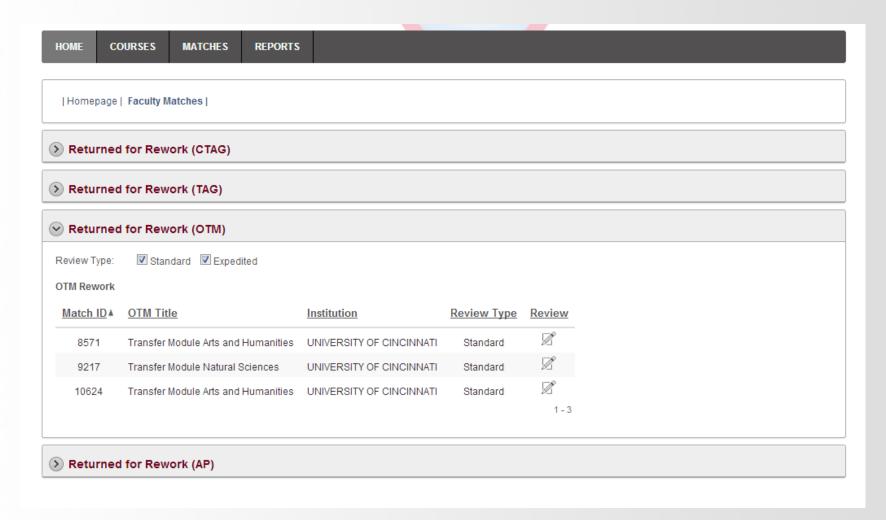


#### **Coordinator Matches – Returned for Rework**



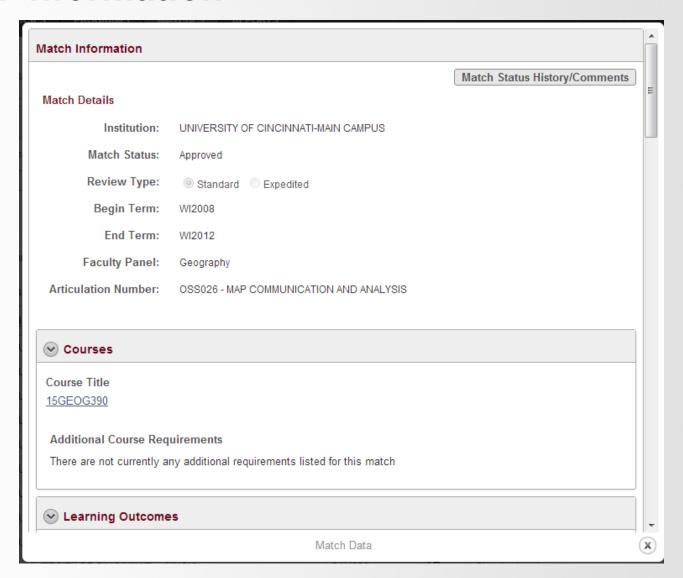


## Faculty Matches – Returned for Rework





#### **Match Information**





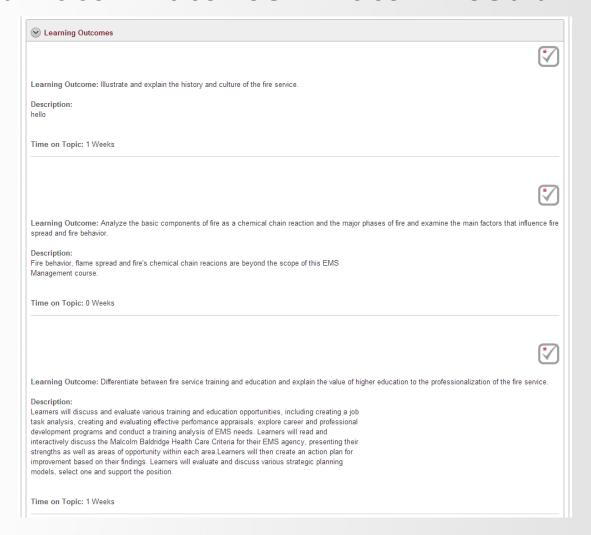
## **View a Match History & Comments**

atch Status Comments  Status Updated On Status Prior To Update Status Changed By Comment Added On Status Changed To Comment Added By Status Commen										
Status Updated On	Status Prior To Update	Status Changed By	Comment Added On	Status Changed To	Comment Added By	Status Commen				
-	-	-	28-JUL-08 11:09:51 AM	Disapproved	SYSTEM	Second course lacks explicitly stated TAG outcomes and crse objectives are not clear				
08-SEP-08 02:10:37 PM	Disapproved	cinccmsc	08-SEP-08 02:10:37 PM	Draft	cincemse	3745 - 15ANTH102 OSS001 disapproved; returned for rework.				
07-JAN-09 02:19:58 PM	Draft	cinccmsc	07-JAN-09 02:19:58 PM	Error - Match Submitted in Error	cinccmsc	Resubmitted as new match entry - 5429 approved				
09-AUG-12 03:15:54 PM	Error - Match Submitted in Error	SYSTEM	-	-	-	-				
24-JAN-13 10:27:57 AM	Error - Match Submitted in Error	htsuchida	-	-	-	-				
24-JAN-13 11:02:31 AM	Submitted to OBR Coordinator	htsuchida	-	-	-	-				
24-JAN-13 11:09:02 AM	Submitted to Panel Lead	sincpanel1	-	-	-	-				
24-JAN-13 11:33:01 AM	Submitted to Panel Members	sincpanel1	-	-	-	-				
24-JAN-13 11:49:45 AM	Intermediary Disapproved	htsuchida	-	-	-	-				
24-JAN-13 03:44:01 PM	Disapproved	cinccoord	24-JAN-13 03:44:01 PM	Error - Match Submitted in Error	cinccoord	Needs reviewed.				
24-JAN-13 03:46:37 PM	Error - Match Submitted in Error	cinccoord	24-JAN-13 03:46:37 PM	Error - Match Submitted in Error	cinccoord	Needs to be reviewed.				
11-MAR-13 04:12:59 PM	Error - Match Submitted in Error	htsuchida	-	-	-	-				





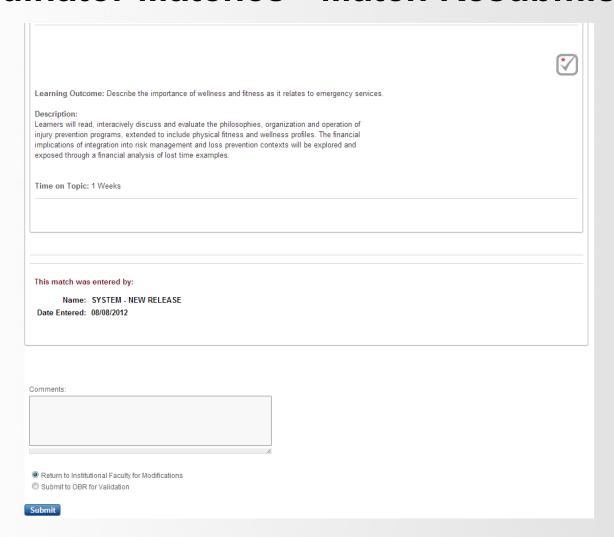
#### **Coordinator Matches - Match Resubmissions**







#### **Coordinator Matches - Match Resubmissions**







# No Need to Push Back Returned Matches to Faculty/Draft Status Anymore!

Simply Edit the Course and/or Match





#### **Contacts**

Shane DeGarmo
Associate Director, Career-Technical
Transfer Initiatives
Ohio Articulation and Transfer Network
(614) 644-6767
<a href="mailto:sdegarmo@highered.ohio.gov">sdegarmo@highered.ohio.gov</a>

Paula Compton
Associate Vice Chancellor
Ohio Articulation and Transfer Network
(614) 466-3334
<a href="mailto:pcompton@highered.ohio.gov">pcompton@highered.ohio.gov</a>





#### **Helpful Websites**

CEMS Support <a href="https://www.ohiohighered.org/transfer/cems">https://www.ohiohighered.org/transfer/cems</a>

OTM Information <a href="https://www.ohiohighered.org/transfer/transfermodule">https://www.ohiohighered.org/transfer/transfermodule</a>

TAG Information <a href="https://www.ohiohighered.org/transfer/tag">https://www.ohiohighered.org/transfer/tag</a>

CTAG Information <a href="https://www.ohiohighered.org/transfer/ctag">https://www.ohiohighered.org/transfer/ctag</a>

Reporting <a href="https://www.ohiohighered.org/transfer/reportingsystem">https://www.ohiohighered.org/transfer/reportingsystem</a>

Calendar Conversion Information:

https://www.ohiohighered.org/calendar-conversion





#### **Question & Answer**



